

REMARKS

In the Restriction Requirement mailed on April 20, 2005, the Examiner restricted claims 1-44 as follows:

Group I: Claims 1-14 as being drawn to a method of transmitting power and data to a network device, classified in class 340, subclass 310.01;

Group II: Claims 15-33 as being drawn to a cable, classified in class 174, subclass 117R; and

Group III: Claims 34-44 as being drawn to a power and data distribution system, classified in class 702, subclass 60.

Additionally, the Examiner asserted the then-pending claims of the present application were directed to patentably distinct species, each of Figures 2 through 8 of the present application embodying a different species.

Although Applicants do not necessarily agree with the Examiner's restriction and election requirements, Applicants nonetheless elect to prosecute Group III, claims 34-44. Accordingly, Applicants have cancelled claims 1-33 without prejudice for possible inclusion in a divisional application. Additionally, Applicants respectfully assert that claims 34-44 read on the alleged species illustrated in Figure 2 of the present application. Moreover, Applicants respectfully assert that claim 40 of the present application is generic to the various figures of the present patent application. In view of the forgoing, Applicants respectfully assert that claims 34-44 are appropriate for consideration in the present patent application.

Respectfully, Applicants request the Examiner reconsider and allow claims 34-44.

If the Examiner believes that a telephonic interview will help speed this application toward issuance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,



Date: May 20, 2005

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